



veterinary report

college of veterinary medicine university of illinois

Vol. 1 No. 3

A Promising Future

1975 Brings Change for College

Dear Alumni and Friends:

As I look back at 1975, I see it as a year of significant progress for the college — in personnel, facilities and structure. This college is emerging from the turmoil induced by the COPE report of 1974 which was a program evaluation made at my specific request. For the first time in the history of this college, the University has taken a close look at the college and admitted that inadequate funding, facilities and manpower have been provided from the time of its establishment in 1946. The University Office of Resource Planning has made program and facilities projections with fiscal commitments that will enable this college to compete with other Midwestern veterinary colleges. This college has "turned a financial corner" and all of us should be optimistic about its future. Let me share some of these reflections and extend our holiday greetings to you and your family.

May marked the graduation of our 24th class — 72 new alumni. Average starting salary for this year's class was \$14,167; for those entering private practice, it was \$15,252.

Graduation means a new class must be admitted. Our Admissions Committee considered 500 qualified applicants for 86 slots in the new class. These 28 women and 58 men had a mean grade point average of 4.21 and a mean science GPA of 4.71. On the average, they had completed 109 hours of study before acceptance.

Our college has been fortunate this past year to add several new members to the faculty. Dr. Kenneth Holmes, Dr. Sarah Hurley, Dr. David Kwan and Dr. Dennis Wilson have joined the Department of Veterinary Anatomy, Physiology and Pharmacology. And Dr. Robert Davis, from Colorado, is teaching anatomy on a contract basis. Diane Anderson and Roger Inman are additions to the audiovisual section while Dr. John Silver has joined the PLATO staff. Dr. Edward Lents, Dr. Dana

Lerner, Dr. Michael Lokai and Dr. Stephen Selway were added to the large animal clinic staff. Additions to the small animal staff included Dr. Alan Brightman, Dr. Yves Gosselin, Dr. Stephen Knellar, Dr. C. Everett Moore, Dr. Suzanne Rouse, Dr. Paul Shaffer, Dr. Heidi Smith and Dr. Jonathan Stowater.

Filling new Continuing Education-Public Service positions as equine extension veterinarian and small animal extension veterinarian are Dr. Cheryl Knobloch and Dr. Jack Tuttle. New staff members in the Department of Veterinary Pathology and Hygiene include Dr. J. Carl Fox, Dr. Walt Hoffman, Dr. Denny Liggett, Dr. M.G. Riley, Dr. Bruce Thomson and Dr. Bonnie Wagher.

The addition of Dr. Riley to the Diagnostic Laboratory means we have a full staff there for the first time. Under the leadership of Dr. Tony Gallina, the excellent staff of the lab continue their unsung but outstanding work. In 1971 there were 11,600 accessions to the lab. By the end of this year, the lab will receive 17,600 accessions. Most importantly, costs are 10 per cent less on an accession basis than they were in 1971 despite increased costs of operation due to inflation.

On a tragic note, the College was saddened by the sudden death of Dr. L.E. St. Clair earlier this fall. Dr. St. Clair had been professor of veterinary anatomy at the UI since 1946.

Change has occurred in the curriculum for the first time in years. An interim-fourth year curriculum was instituted; it is the first step toward institution of full curriculum revision. Key elements in the interim curriculum include summer clinics for seniors, elective courses and externship opportunities.

This year was also marked by the restructuring of some departments. The departments of Veterinary Biological Structure and Veterinary Physiology and Pharmacology are now the Department of Veterinary Anatomy, Physiology and Pharmacology. Acting head of the combination is Dr. A.R. Twardock. Additionally, the ambulatory clinic and the large animal clinic have been united under the leadership of Dr. Vaylord Ladwig, former head of ambulatory. He replaces Dr. Don Lingard who left to become head of clinics at the new Louisiana State University College of Veterinary Medicine.

One of our major efforts during recent years — the new large animal clinic — is nearly complete at long last. We were scheduled to occupy the building in August, but several months have been lost in correcting construction and equipment problems with the contractor.

In recent days, the University Administration has named Dr. Richard Dierks as my replacement next August. Dr. Dierks, a graduate of Minnesota, has been head of the veterinary science department and Veterinary Research Laboratory at Montana State University in Bozeman.

At this time of reflection, let's look at what the future holds for the college. I view it with a cautious optimism. If we are to become one of the top veterinary colleges in this country, three things are required — adequate facilities, adequate funds and a staff committed to excellence. The administration of the university recognizes that the college has been underfunded throughout its entire history and they are committed to a program of improvement.

Over four years ago we dedicated our new Small Animal Clinic. During the next year we'll put new Large Animal Clinic facilities into operation. Remodeling to provide more research space at a cost of \$435,000 is scheduled to begin this year in the unfinished basement of the Small Animal Clinic and in the loft of the Surgical and Obstetrics Laboratory. The remodeling will provide more research space. Two animal holding laboratories (\$360,000) are scheduled for construction at the research farm in the near future. One year ago in this report, I said our new Basic Sciences Building was scheduled for funding in 1981. We are now cautiously optimistic about receiving planning money for this building in the fall of 1977. If this happens, we can anticipate construction money in the fall of 1978 and occupation at the end of fiscal year 1981. If operating funds are available, 104 first-year students would be admitted. Addition of these facilities will give us an outstanding physical plant.

University budget projections reflect the college's underfunded status. They project a minimum increase from the current \$12,503 per student per year to \$16,995 per year by fiscal year 1981, which will be augmented in proportion to any price inflation movement.

With the continued growth of our faculty, the continued support of the University administration and the continued friendship of the profession, this college will attain the excellence it promises. Lotus Coffman, fifth President of the University of Minnesota once said: "The University and its graduates underwrite each other. If either declines in merit or worth to the community, the other declines; if either grows stronger and better and serves more nobly, the other improves correspondingly." We appreciate your support of the College and hope that we can continue to be of service to you.

The faculty and staff at the College send season's greetings and a wish that the coming year will be prosperous and fulfilling. Keep in touch with us and if you're in the area, stop in for a visit.

Cordially yours,

L. Meyer Jones

L. Meyer Jones
Dean

College Combines VPP/VBS Departments

The Department of Veterinary Biological Structure and the Department of Veterinary Physiology and Pharmacology have been combined into a provisional Department of Veterinary Anatomy, Physiology and Pharmacology. Such a move follows a national trend which finds over half of the veterinary colleges using this system.

A number of advantages are anticipated from such a combination. One department should be less costly administratively than separate departments and the faculties of the departments have mutual teaching and research interests which might be better integrated in a single department. It is also expected that recruiting of new faculty will be enhanced by the broader variety of faculty interests and resources of the combined department.

Dr. A.R. Twardock has been appointed as acting head of the provisional department. He operates with an advisory committee of four division chairmen (gross anatomy, microscopic anatomy, physiology and pharmacology). Chairmen of the respective divisions are Dr. Paul Bramson, Dr. Al Safanie, Dr. Gary Jackson and Dr. Richard Beville.

Dr. Twardock will keep his title as associate dean of academic affairs for the 1975-76 academic year, although 90 per cent of his time will be spent at the department level. Dr. Harold S. Bryan has assumed Dr. Twardock's responsibilities in the associate dean's office on an interim basis, except in the area of courses and curriculum. Dr. Loyd E. Boley, former associate dean of academic affairs, has returned on a part-time basis to assist Dr. Bryan.

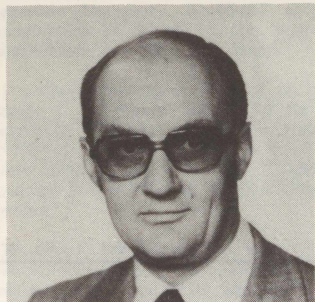
**veterinary
report**

269A Veterinary Medicine
College of Veterinary Medicine
University of Illinois
Urbana, Illinois 61801

Address Correction Requested

Non-Profit Organization
U.S. Postage
Paid
Permit No. 75
Urbana, Illinois 61801

Dr. Richard Dierks Named Dean



Dr. Richard E. Dierks (MIN '59) of Montana State University, Bozeman, has been named dean of the University of Illinois College of Veterinary Medicine.

He will assume the post by Aug. 21, succeeding Dr. L. Meyer Jones, dean since 1968, who has announced his resignation effective Aug. 20.

Appointment of the new dean was approved by the University of Illinois Board of Trustees meeting November 19 in Chicago. He was nominated by President John E. Corbally on the advice of a university committee.

Dr. Dierks now heads the veterinary science department and Veterinary Research Laboratory at Montana State, where he has been a member of the faculty since 1974.

He was born in Flandreau, S.D., and attended the University of Minnesota where he earned bachelor's, master of public health, doctor of veterinary medicine and doctor of philosophy degrees.

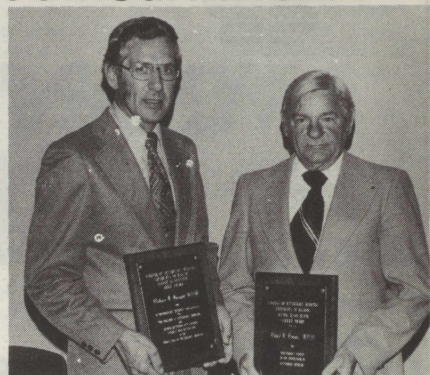
He became a National Institutes of Public Health postdoctoral fellow at Minnesota in 1959. In 1964 he went to the U.S. Public Health Service's National Communicable Disease Center, Atlanta, Ga., where he was a veterinary officer and for two years chief of the Rabies Investigation Laboratory.

In 1968 he joined the Iowa State University Veterinary faculty and in 1974 went to Montana State. In 1971-72 he was a visiting professor in the Federal Research Institute for Animal Virus Diseases, Tubingen, Germany.

He is a member of the American College of Veterinary Microbiologists, American Board of Veterinary Public Health, AVMA, American Association of Avian Pathologists, American Society of Microbiologists, AAAS, American Association of Immunologists, Society of Experimental Biology and Medicine, Conference of Research Workers in Animal Diseases, Teachers of Veterinary Public Health and Preventive Medicine, and American Association of Veterinary Laboratory Diagnosticians.

Dr. Dierks' national committee assignments include USDA Mycoplasma Antisera Production, the NIAID Training Grant Review Panel, the Board of Governors and Examination Committee of the American College of Veterinary Microbiologists and the Editorial Board of the American Journal of Veterinary Research.

Alumni Present Annual Awards



Dr. W.E. Brandt, left, and Dr. E.E. Evans received awards from the UI Alumni Association at the annual fall conference. Dr. Brandt received the Award of Merit given to an alumnus of the UI College of Veterinary Medicine while Dr. Evans received the Service Award given to a non-alum. Dr. Brandt, a 1955 grad, practiced at Flanagan until accepting a research position with Hoffman-LaRoche in Nutley, New Jersey in November. Dr. Evans, a 1940 graduate of OSU, has practiced in Decatur since 1945. Both men have been active in community as well as regional and Illinois State VMA activities. Brandt also served as American Association of Swine Practitioners president.

Deans Club Donations Support College Research

Contributions to the Deans Club continue to be a major factor in supporting research of importance to the practicing veterinarian. Funds generated by the Deans Club are added to those contributed through the Illinois State Veterinary Medical Association Research Fund for support of research projects selected by the Illinois State Veterinary Medical Association Foundation Committee. Members of the committee are Dr. W.K. Dowling, Warren; Dr. R.C. Glover, Evanston; Dr. C.G. Ulrich, Dongola; Dr. R.F. Whalen, LaSalle; and Dr. D.W. Rawson, Chadwick. Dr. Rawson serves as chairman.

The Committee convened at the College of Veterinary Medicine on July 10, 1975 to receive reports on studies on *Hemophilus somnus* infection in beef cattle, heartworm infection and dermatitis in dogs. The committee considered six new projects submitted by members of the faculty for funding. Three projects were selected and funds were allocated as follows:

1. A continuing study of *Hemophilus somnus* Infection in Beef Cattle: Dr. R.A. Crandell and Dr. A.R. Smith, principal investigators. \$5946. The results of the 1974-75 research project, Studies on *Hemophilus somnus* Infection in Beef Cattle, have been summarized by Dr. R.A. Crandell as follows:

During the project period, laboratory procedures were developed for the isolation and identification of *Hemophilus somnus* from tissues and fluids from bovine species. A total of 56 *Hemophilus somnus* isolations were made from tissues and nasal swabs from 40 different animals.

All strains of *Hemophilus somnus* were sensitive to 14 (ampicillin, chloramphenicol, distreptomycin, erythromycin, furacin, gentamicin, kanamycin, neomycin, novobiocin, penicillin, polymyxin B, sulfachloro-pyridazine, tetracycline and triple sulfa) of the 16 antibiotics tested and all were resistant or intermediary to lincomycin. Approximately half of the isolates were sensitive to bacitracin with the remaining being either resistant or intermediary.

Nasal swabs from five different feedlots were collected and tested. Specimens were collected from one feedlot three different times and selected animals in another lot were tested twice. The remaining lots were visited once during an acute respiratory disease outbreak. Swabs were also collected from calves from one cow-calf herd.

Bacterial isolation studies were performed on 176 nasal swabs. Twenty-six (26) or 13.6 per cent of the animals tested carried *Hemophilus somnus* in the nasal cavity. The majority of these isolations were from animals showing clinical upper respiratory disease and were stressed by either shipping or accidental electrical shock.

Since we were primarily interested in the nasal cavity as a site for *Hemophilus somnus* recovery for field studies, the frequency of isolation from the lung, trachea and nasal cavity from six animals necropsied were compared. The results showed that if the organism was present in the lower respiratory tract it was also recoverable from the nasal cavity, particularly in the clinically ill animals. These findings are supported by our isolation rates from nasal swabs collected in the feedlots.

Although preliminary, some results obtained from feedlots in which cattle were on antibiotic feed suggests certain feeding programs may have a beneficial effect. This area of research needs to be expanded to better identify the factors affecting the change in the bacterial flora in feedlot animals.

The project plans for 1976-77 include continuing studies of *Hemophilus somnus* in beef cattle. The bacteriology of *Hemophilus somnus* will be emphasized together with additional field studies in both feedlots and the so-called cow-calf herds. The study on the efficacy of medicated feeds will be continued.

2. Canine Alkaline Phosphatase Isoenzymes; Identification of Abnormal Isoenzymes and Clearance Rates of Isoenzymes: Dr. Walter Hoffman and Dr. Joseph L. Dorner, principal investigators. \$1720.

Abnormal isoenzymes have been observed in canine serum specimens examined in routine analyses from the teaching clinics. This study will include determining the tissue origin and the significance of the abnormal isoenzymes of alkaline phosphatase (A.P.). The identification and measurement of the levels of this abnormal isoenzyme may lead to definitive diagnoses in canine medicine.

3. The Relationship of Certain Immunologic Parameters of Morphologic Features and Biologic Behavior of Mast Cell Tumors in Dogs: Dr. H.A. Reynolds, Dr. J.D. Palmer and Dr. D.W. Macy, principal investigators. \$8000.

The major objectives of this research project are to develop techniques and establish parameters which will aid in the diagnosis, prognosis and treatment of mast cell tumors. An attempt will be made to correlate levels of specific cell mediated immunity and serum blocking antibody in dogs having spontaneous mast cell tumors. Studies will be made of the histopathologic characteristics of the neoplastic tissue and biologic behavior (recurrence or metastasis) of the tumor following surgical excision for solitary tumors or appropriate radiotherapy; as well as immunotherapy and chemotherapy for multiple or inoperable tumors.

Your continued support of research in the College of Veterinary Medicine through the Deans Club is solicited. By working together to provide funds to support research we can find answers to problems confronting the practitioner in the areas of diagnosis, treatment and prevention of disease. Contributions to the Deans Club through the University Foundation are tax deductible.

Dr. Loyd E. Boley
Executive Secretary, Dean's Club
137 Veterinary Medicine
University of Illinois
Urbana, Illinois 61801

Dear Dr. Boley:

Here is my \$100 membership contribution to the Veterinary Medicine Dean's Club. I understand that my gift is tax deductible.

Sincerely,

Name

Address

City—State Zip

**veterinary
report**

Published four times annually by the University of Illinois College of Veterinary Medicine for its students, faculty, alumni and friends.

Editors: Terry Rathgeber and Joe Irle.

IN MEMORIAM

Dr. Lorenz E. St. Clair

Born May 28, 1913 - Died September 22, 1975

Dr. Lorenz E. St. Clair was one of the leading veterinary gross anatomists of his time, but as a person he was much more. He was a pillar of establishment for the tradition of anatomy. His colorful personality, unique sense of humor and irascible demeanor many times belied the gentle and open-minded character which was ultimately revealed to the many who were privileged to know him. As a teacher, he was a blend of strict paternalism, counselor and friend of the student; all the while truly imposing in his encyclopedic knowledge of comparative body structure.

Larry St. Clair had stalwart beginnings at Colorado State University where he received his D.V.M. degree in 1935, graduating at the head of his class. He taught gross anatomy at C.S.U. for the next two years. Although he served the U.S.D.A. briefly, his predominant commitment was to teaching. He was drawn to Iowa State University by Dr. H.L. Foust who served as his major advisor for the M.S. (1940) and Ph.D. (1945) degrees. He was an assistant professor of veterinary anatomy at I.S.U. until 1946.

In 1946, he became professor and head of the Department of Veterinary Anatomy and Histology at the University of Illinois at Champaign-Urbana. During his tenure as head (1946-1965), St. Clair became a member of the International Nomenclature Committee of Veterinary Anatomy. His dedicated interest in the work of this committee persisted throughout his later years. Last year, he took a six month sabbatical leave in Austria to continue his work with the committee.

He was a member of the World Association of Veterinary Anatomists, American Veterinary Medical Association, American Association of Veterinary Anatomists, American Association of Anatomists and the American Society of Zoologists. He was president of the American Association of Veterinary Anatomists in 1953 and a member of Sigma Xi and Phi Zeta. In addition to a number of scientific articles, St. Clair was contributing author to *Dunne's Diseases of Swine* and the newly revised edition of *Sisson and Grossman's Anatomy of Domestic Animals*. His most recent manuscript for revision of *Harrison's Dissection of the Cat* was completed and mailed the day of his death. He was active in remodeling his home, golfing and bowling.

A memorial fund has been established in his name. Contributions should be made to the "University of Illinois Foundation Fund in Memory of L.E. St. Clair" and sent to the Foundation, 224 Illini Union, University of Illinois at Urbana-Champaign, Urbana, Illinois 61801.

by Gerald P. Kozlowski, Ph.D.
Colorado State University

Canine Heart Patient Receives Second Pacemaker

"Lady", a canine patient of the University of Illinois Small Animal Clinic, is a unique animal. She may be the only dog in America with a pacemaker. In fact, she's already had two pacemakers. Recently, Dr. Eugene E. Musselman, cardiologist for the University of Illinois College of Veterinary Medicine, installed the second one.

A little over a year ago, Lady's heart slowed down after a bout with pneumonia. The pet of the Jack Nissen family of Elmwood Park, she was referred to the UI clinic. When admitted, her heart was beating only about 30 times per minute.

Dr. Musselman diagnosed the problem as a complete heart block which occurs when the nerve-like impulse in a small area of the heart malfunctions. This is fairly common in human heart attack victims and can be completely corrected with a pacemaker.

After talking to a salesman for General Electric, a manufacturer of pacemakers for human use, Dr. Musselman received a used one at no charge. The pacemaker had been in a human once and could not be reused. Since it would have to be replaced at any time, an electrocardiograph was taken of Lady once a month.

When the pacemaker began to fluctuate recently, Dr. Musselman again called GE. They sent another device which was a second and could not be used in a human patient although it works fine for Lady.

The pacemakers cost anywhere from \$600 to \$2,000. Although the pacemaker is set at 72 beats per minute (a little slow for dogs), Lady can exercise and perform all the activities of a normal dog.

To insert the pacemaker, Dr. Musselman made a small slit in the dog's jugular vein. A plastic tube containing two wires and a small electrode at the tip was inserted down the vein into the right ventricle. A wire-like stylet is inserted into one hollow wire in the electrode to keep the tube stiff during insertion. The tube is tied off at the opening in the jugular vein and runs under the skin behind the left shoulder to the

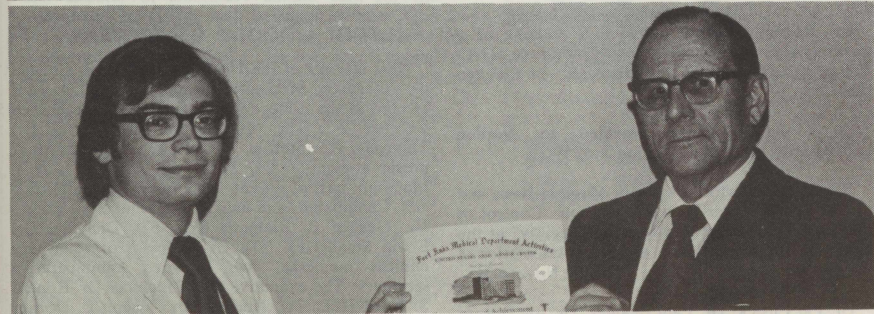


dog's back where the pacemaker is sutured under the skin. There is no need to replace the electrode unless one of the wires breaks. Any time a new pacemaker is needed, the old one is unplugged and a new one is plugged in.

In theory, the pacemaker could be used in nearly any animal, although it isn't likely it will become a common remedy for heart block.

Dr. Musselman came to the UI in 1968 after receiving his degree at Georgia and practicing for a time with his father near Richmond, Virginia. He has earned his masters and doctorate at the UI.

He recently received a grant from the Illinois Heart Association to study anesthesia's effect on heart rate.



Dr. Loyd Boley, right, presents fourth year student Jerome Gass a certificate of achievement from the head of the Medical Corps at Ft. Knox Armor Center. During the past summer, Gass served on active duty at the Ft. Knox, Kentucky, Small Animal Clinic. After graduation, he will join the Army Veterinary Corps. While a student, Gass receives a scholarship from the Army.

CE/PS Staff Plans Two New Producer- Veterinary Seminars

WESTERN ILLINOIS SWINE SEMINAR

Another all-day Western Illinois Swine Seminar is planned for early March at Macomb. County extension advisers, swine practitioners, pork producers and college CE-PS personnel are working together to develop this year's program.

Tentative topics include: maintaining a closed herd, pro's and con's of herd health consulting, pasture to confinement transition, blood testing boars, antibiotic and feed additive waste, choosing replacement stock and environmental aspects of confinement.

Last year's highly successful seminar at Galesburg attracted 40 veterinarians among the 325 producers, advisers and students attending. While the program itself proved beneficial, there were indirect benefits as well. As one producer put it, "Anytime a veterinarian and some of his clients get in one car and ride 50 to 100 miles together to attend a seminar, there's bound to be an exchange of views and ideas that wouldn't have happened otherwise."

Veterinarians attending the December 1st planning meeting at Macomb included Dr. Carl Armstrong, Quincy; Dr. Ken Wright, Blandinsville; Dr. H.A. Petersen, Alexis; Dr. Hal Holst, Augusta; Dr. Steve Henry, Macomb; and Dr. Art Starkey of the Illinois Department of Agriculture, Beardstown.

BEEF CALF HEALTH SEMINAR

A health seminar on beef calves is scheduled for February 17, 1976 in northwestern Illinois. The Cooperative Extension Service of Carroll, Jo Daviess and Stephenson counties, veterinarians, beef organizations, diagnostic personnel and the UI College of Veterinary Medicine are sponsoring the event to be held at Mt. Carroll. Tentative topics include: abortions and the Diagnostic Laboratory, calf delivery, neonatal enteric diseases, and calf vaccination and immunity.

Dr. R.G. White, extension and research veterinarian from the University of Nebraska—Lincoln at North Platte Station, is the seminar's featured speaker. Dr. White is a popular speaker on enteric calf diseases and health programs. Besides his extension duties, he's involved with a private backgrounding lot that weans and feeds out 3,000 calves a year.

Dates to Remember

- February 17** - Beef Calf Health Seminar. For producers and veterinarians. Mt. Carroll. Contact Dr. J.R. Pickard, 281 SAC, Urbana, Ill. 61801.
- February 25** - Spinal Neurology (Part 1). Limited to 16. UI Small Animal Clinic. Dr. Alan Parker. Contact Dr. Jack L. Tuttle, 281 SAC, Urbana, 61801.
- March 3 or 4** - Second Annual Western Illinois Swine Health Seminar. For veterinarians and producers. Macomb. Contact Dr. R.D. McQueen, 281 SAC, Urbana, 61801.
- March 6-7** - Abdominal Radiology. UI Small Animal Clinic. Limited to 16. Drs. Stephen Knellar and Jon Stowater. Contact Dr. Tuttle.
- March 24** - Spinal Neurology (Part 2). Limited to 16. UI Small Animal Clinic. Dr. Alan Parker. Contact Dr. Tuttle.
- April 2-4** - 6th Annual Student Veterinary Education Symposium, Urbana. Contact Jane Sharp or Tom Wake, University of Illinois College of Veterinary Medicine, Urbana 61801.
- April 7** - Hematology and Clinical Pathology for Laboratory Assistants and Technicians. UI Small Animal Clinic. Enrollment limited to 10. Drs. Joe Dorner and Walt Hoffman. Contact Dr. Tuttle.
- April 10** - Veterinary Medicine Open House, Urbana. Contact Bob DeNovo or Jim Traub, University of Illinois College of Veterinary Medicine, Urbana 61801.
- April 21** - Dermatology. Ramada Inn, Urbana. Enrollment unlimited. Dr. Richard Halliwell, Pennsylvania, and Dr. Clifford Blakemore, Purdue. Contact Dr. Tuttle.
- April 24-25** - Joint Diseases and Injuries. UI Small Animal Clinic. Drs. Claude Gendreau, C.W. Smith, Glen Rouse and Tom Christie. Contact Dr. Tuttle.

College Briefs

Dr. Claude Gendreau, Dr. Tom Christie and Dr. Glen Rouse attended the surgical forum of the American College of Veterinary Surgeons in Chicago Oct. 30-31.

Dr. Jack Judy, head of veterinary clinics, was guest lecturer at Tuskegee Institute from Oct. 20-31.

Dr. Sandee Hartsfield participated in a seminar on "Comparative Anesthesiology" for a Laboratory Animal Group in Milwaukee Sept. 19-20.

Dr. Lyle E. Hanson, head of veterinary pathology and hygiene, participated in the International Association of Biological Standardization meeting at Douglas, Isle of Man, United Kingdom Sept. 20-30.

Dr. Joseph Dörner attended the review of Veterinary Clinical Pathology sponsored by the American Society of Veterinary Clinical Pathologists in Anaheim, California Sept. 22-26.

Dr. John Thurman and Dr. Dale Nelson visited Norden Laboratories in Lincoln, Nebraska, Sept. 18-19 for consultation.

Dr. Jack Judy presented a program to the American Animal Association Sept. 16-17 in Kansas City, Mo.

Dr. Robert Crandell made a site visit to Stanford University in Palo Alto, California and then attended a meeting of the NIH Animal Resources Advisory committee in Seattle, Washington Oct. 6-9.

David L. Tanaglia, a second year veterinary student from Rockford, is one of 27 UI students to receive a 1975-76 Avery Brundage Scholarship. The awards are intended to recognize academic and athletic skills. The criteria for athletic excellence include continuing participation over a period of time in amateur athletics for personal development rather than for career objectives. The scholarship fund was set up last year with an initial gift of \$343,000 from the late Avery Brundage, honorary president of the International Olympic Committee and a UI alumnus. At one time, Tanaglia held most of the swimming records at Rockford College. He won NAIA All-District honors all four years and for three years was NAIA national championships consolation finalist.

Dr. Don Sells attended the Charles Davis Pathology Review at the University of Chicago Sept. 13.

From Sept. 15-23, Dr. Claude Gendreau was at Pullman, Washington and Vancouver, British Columbia. He presented a seminar at Washington State and participated in a seminar on "Head and Neck Surgery" at the annual meeting of the British Columbia VMA.

Dr. Vaylord Ladwig, director of the Large Animal Clinic, spoke at the Interstate VMA meeting in Sioux City, Iowa Oct. 1-2. The meeting draws from the four states of Minnesota, Iowa, South Dakota and Nebraska.

Dr. John Thurmon, anesthesiology section head, traveled to Springfield Sept. 25 and Nov. 13 for consultation at the Department of Medical Sciences of the SIU College of Medicine.

Dr. George Grimes attended CATC Conference 12 in Atlanta, Georgia Oct. 12-16.

Dr. J.P. Sharma attended the AOAC meeting in Washington, D.C. Oct. 12-15.

Dr. Brendan McKiernan and Dr. Paul Shaffer attended a regional AAHA meeting in Columbus, Ohio Nov. 7-9.

Dr. Roger Link took the third year students on a tour of Eli Lilly Co. facilities in Indianapolis Nov. 2-3. Dr. Ken Todd also escorted the group.

Dr. Lloyd Helper, professor of veterinary clinical medicine, traveled to Abbott Laboratories in North Chicago Nov. 4. Purpose of the trip was consultation on drug research projects.

Dr. Heidi Smith and Dr. Suzanne Rouse attended the Région I AAHA meeting in Hershey, Pennsylvania, Nov. 10-12.

Dr. Stephen Knellar attended the "Big 10" Veterinary Medical Admissions meeting at Purdue University Nov. 3.

Drs. Diego and Mariangela Segre attended the Midwest Fall Immunology Conference in Chicago Nov. 10.

Dr. Tony Gallina and Dr. Robert Crandell visited the Galesburg Diagnostic Laboratory Nov. 14.

Dr. James Conroy examined a bull owned by Louisiana State University, Baton Rouge for the American Angus Association Nov. 14.

A report on the puerperal tetany research by Walt Crackel appeared in the recent Morris Animal Foundation Companion Animal News. In a project funded by The Seeing Eye, Inc., an attempt was made to induce the metabolic disease in whelping and lactating bitches by keeping them on a low calcium-low phosphorus diet for several months. Puerperal tetany is caused by a failure of the body to compensate for periods of peak calcium drain. During these periods, the calcium balance between the bones and the body fluids may become upset, resulting in tetany. Crackel, a Foundation fellow working under the supervision of Dr. A. R. Twardock, reported the special diet failed to induce tetany, although it did cause much loss of bone material due to resorption by the body. He speculated puerperal tetany may have occurred had the dogs been kept on the diet longer.

Dr. Dale Nelson conducted surgical consultation at Norden Laboratories in Lincoln, Nebraska Nov. 19-21.

Dr. Miodrag Ristic and Dr. George Lewis met with officials at Walter Reed Army Institute of Research in Washington, D.C., to discuss present and future research Nov. 17-19.

Dr. Lyle Hanson and Dr. Deoki Tripathy attended the NC-116 Annual Meeting on Poultry Respiratory Diseases in Chicago Nov. 28-29.

Dr. George Grimes was a speaker at the 17th Annual Food Hygiene Symposium in San Antonio, Texas Nov. 14-20.

Dr. Erwin Small visited Morristown, New Jersey Nov. 18-20 to present a seminar to the Delaware River Valley Forum. While there, he discussed the development of wet labs for the AVMA meeting in Cincinnati with members of the pharmaceutical industry. Dr. Small was recently reelected president of the Omega Tau Sigma International Veterinary Fraternity.

Dr. Leroy Biehl, Dr. A. R. Smith and Dr. Jack Judy spoke at the Mississippi Valley VMA Meeting Nov. 6. Dr. Jack Tuttle attended the meeting.

Dr. Miodrag Ristic and Dr. C. A. Carson met with officials of the Rockefeller Foundation in New York City Oct. 27-28.

Dr. James Conroy, Dr. Robert Crandell and Dr. Tony Gallina attended the Annual Meeting of the American Association of Veterinary Laboratory Diagnosticians in Portland, Oregon during the first week of November.

Dr. Deoki Tripathy attended a short course on Avian RNA Tumor Viruses in East Lansing, Michigan Nov. 18-21.

Dr. Jon Stowater spoke to the Midwest Regional AAHA meeting in Rock Island Nov. 13. Dr. Jack Tuttle attended the program.

Dr. A. R. Twardock and Dean L. Meyer Jones attended the Council of Deans meeting and the meeting of the American Association of Veterinary Medical Colleges in Washington, D.C. Nov. 10-12.

Dr. George Woods attended the annual meeting of Teachers of Food Hygiene in San Antonio, Texas Nov. 17-19.

Dr. Robert Crandell attended a meeting of a specially appointed Development Committee of NC-107 on "Bovine Respiratory Diseases" in Chicago Nov. 13.

Dr. John Thurmon traveled to Norden Laboratories for consultation on Nov. 19-21.

Dr. W. M. Newton, Professor Virginia Ivens and M. K. Froberg presented a paper on "Control of *Ornithonyssus bacoti* in a Multi-use facility" at the 26th annual meeting of the American Association of Laboratory Animal Scientists in Boston Nov. 16-21.

Dr. Pat Cusick, Dr. Paul Beamer, Dr. Joe Dörner and Dr. A. M. Cameron attended the annual meeting of the American College of Veterinary Pathologists in San Francisco Dec. 2-5. Dr. Cameron presented a paper.

Dr. Jon Stowater and Dr. Stephen Knellar attended the annual meeting of the American College of Veterinary Radiology in Chicago Dec. 1-5.

Dr. Dennis Macy spoke to the Wisconsin VMA in Racine, Wisconsin Dec. 11-12. His topic was feline leukemia.

Dr. Lyle Hanson and Dr. Deoki Tripathy attended the American Leptospirosis Research Conference in Chicago Dec. 2-4.

Dr. Cheryl Knobloch and Dr. Dana Lerner attended the American Association of Equine Practitioners meeting in Boston Nov. 29-Dec. 3.

Dr. Erwin Small and Dr. Roger Link participated in the AVMA Council on Education meeting in Chicago Dec. 4-5.

Dr. Vaylord Ladwig spoke at the Virginia Pork Federation meeting at Petersburg, Va. and gave a seminar at Virginia Polytech in Blacksburg, Va. Dec. 1-4.

Dr. Jack Judy presented a seminar at Albany, New York Dec. 3-4.

Dr. Joe Dörner presented a paper to the Southern Illinois VMA in Carbondale Dec. 3.

Many staff members were involved in the prestigious Conference of Research Workers in Animal Disease meeting in Chicago Dec. 1-2. UI papers and authors were (presentors in italics): Suppressor T Cells and Decline of Immune Potential in Aged Mice, by Drs. *Diego Segre* and *Mariangela Segre*; Measurement of the Cell-Mediated Immune Response in Cattle Induced by Virulent and Attenuated Strains of *Anaplasma marginale* Introduced in Both Live and Killed Form and Correlation with Protective Immunity by Drs. *C. A. Carson*, *Don Sells* and *Miodrag Ristic*; Cutaneous Hypersensitivity and Isoantibody Production in Cattle Injected with Live or Inactivated *Anaplasma marginale* in Bovine and Ovine Erythrocytes by Drs. *C. A. Carson*, *Don Sells* and *Miodrag Ristic*; Cell-Mediated Immune Response in Hamsters Infected with *Babesia microti* of Human Origin by Drs. *Mario Perez*, *Miodrag Ristic* and *C. A. Carson*; Cell-Mediated Cytotoxicity in Tropical Canine Pancytopenia by Drs. *I. Kakoma*, *Miodrag Ristic*, *M.B.A. Nyindo* and *Sheryl Hill*; Experimental Inoculation of *Macaca mulatta* with *Ehrlichia canis* — Infected Canine Monocyte Cell Culture by Drs. *George Lewis*, *D. Renquist*, *Irene Hemelt*, *David Huxsoll*, *Miodrag Ristic* and *E. H. Stephenson*; Equine Fetal Protein by Drs. *Ted Lock* and *Don Morgan*; Equine Immunoglobulins: Characterization of the Antibodies Involved in the Immunodiffusion Test for Equine Infectious Anemia by Drs. *R. E. Mock* and *Don Morgan*; Averaged Evoked Cortical, Cysternal and Brain Stem Potentials for Evaluation for Spinal Cord Diseases by Dr. *Alan Parker*; The Concentration of Sulfamethazine in the Plasma, Urine and Tissues of Ewe Lambs Following Oral Drug Administration by Drs. *Richard Bevil*, *W. A. Bourne* and *L. W. Dittert*; The Comparative Pharmacokinetics of Sulfathiazole in Sheep, Cattle and Swine by Dr. *Gary Koritz*; Continuous Propagation of TGE Virus of Swine in 1- to 7-Day-Old Pups and in the Lungs of 3-Day-Old Pigs by Drs. *Miodrag Ristic* and *Roger Klemm*; and Chemically Induced Bone Induction and Resorption by Drs. *Gerry Kenner*, *Claude Gendreau*, *J. R. Park*, *J. Merkur* and *L. Taylor*. Others attending the meeting included *Dean L. Meyer Jones*, *Dr. A. R. Twardock*, *Dr. P. J. Sprino*, and *Dr. Roger Link*. Dr. Robert Crandell participated in the program on Feline Diagnostic Medicine.

Dr. Leroy Biehl and Dr. Dale Nelson attended the American Association of Bovine Practitioners meeting in Atlanta, Georgia Dec. 9-12.

Alumni Choose Officers

New officers of the University of Illinois College of Veterinary Medicine Alumni Association were elected at the college's 56th annual fall conference October 2-3. The officers are: president - Dr. Thomas B. Steffen (ILL '66), Streamwood; president-elect - Dr. Larry L. Loop (ILL '67), Macomb; past president - Dr. Charles W. Smith (ILL '65), Champaign; and liaison to alumni association - Dr. George E. Richards (ILL '67), Danville. Dr. Erwin Small (ILL '57), UI professor of veterinary clinical medicine, was renamed administrative secretary. The executive board includes Dr. Ronald S. Nord (ILL '71), Normal; Dr. Joseph L. Dörner (ILL '64), Urbana; Dr. Melvin D. Geiger (ILL '60), Springfield; Dr. Albert J. Day (ILL '61), Watseka; Dr. Dennis Mann (ILL '60), Springfield; and Dr. Dean L. Moentman (ILL '71), Decatur.